

## Permeable Pavement Activity – Community Engineering Post-Assessment Worksheet

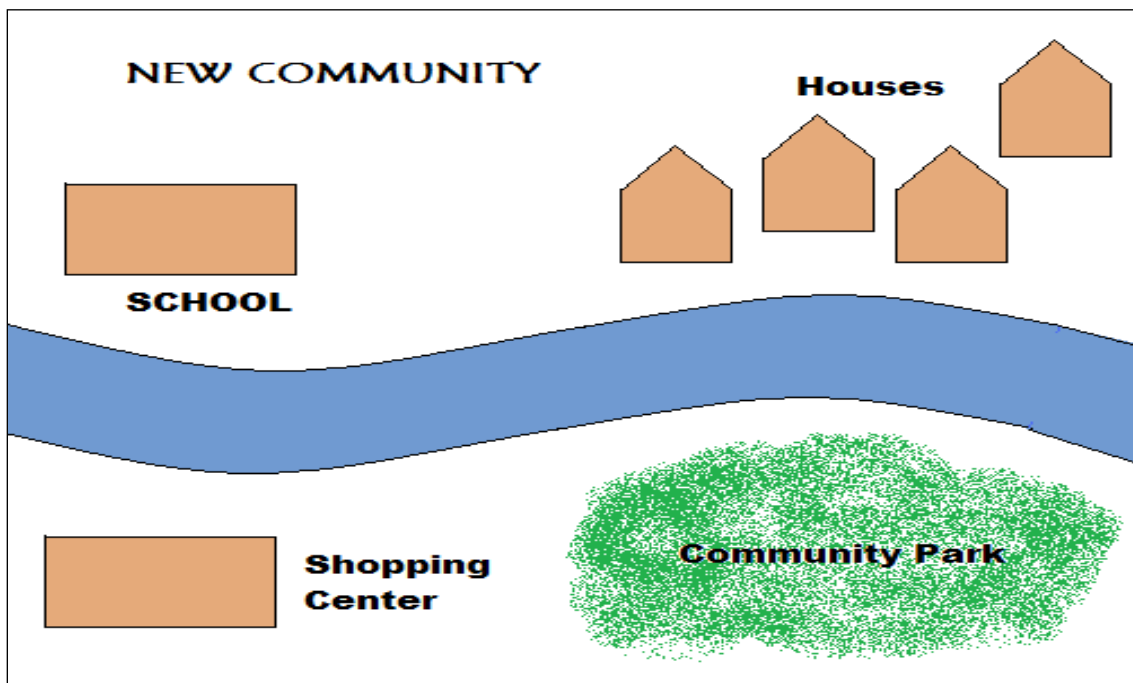
A town called New Community has a river that runs through the middle of it. New Community would like your engineers to design a path along the riparian area of the river for people to walk and bike along.

They want a path that meets the following *needs*:

- Absorbent
- Low cost
- Low maintenance

Using the chart below, draw a design on the map that will work for New Community. (You can use one or more materials.) Then answer questions 1 and 2.

Material	Needs		
	Absorbent	Cost	Maintenance
Dirt/sand	High	Medium	High
Pavement	Low	Medium	Low
Permeable pavement	High	High	Medium



Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Explain your design:

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2. Did you have to decide which *need* was more important than another? Which did you choose and why?

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